



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 92 30 3892
Page 1

DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.5)
X	WO-A-8 904 576 (DEUTSCHE ITT INDUSTRIES GMBH) 18 May 1989	1,2,5, 8-10,13, 18,19, 22,25-29	H04N9/64 H04N9/66 H04N5/60
Y	* the whole document * ---	11 12,14	
Y	ELEKTRONIK, vol.39, no.6, 16 March, 1990, München, DE, XP000102222, pages 50-54,56; T. HILPERT et al.: 'Digitaler Multistandard-Audio-Chipsatz'	11	
A	* the whole document * ---	1,12,14	
L	ELEKTOR ELECTRONICS, May, 1992, XP000290987, pages 34-38,39-42; R. KRIJGSMAN: 'NICAM decoder'	-	
A	* the whole document * [cited as reference to Micronas chip set] & MICRONAS MAS7A101 data sheet: 'NICAM QPSK demodulator', 10 September, 1990, Epsoo, FI, pages 1-10	1-14, 18-29	
A	* complete paper * & MICRONAS MAS7D102 data sheet: 'NICAM decoder', 10 September, 1990, Epsoo, FI, pages 1-17	1-14, 18-29	
A	* complete paper * & MICRONAS MAS7A103 data sheet: 'Dual 14 bit D/A converter for NICAM', 21 April, 1990, Epsoo, FI, pages 1-8	1-14, 18-29	
A	* complete paper * ---		
A	BBC RESEARCH DEPARTMENT REPORT, no.6, 1990, Tadworth, GB, XP000208352, pages A,B,C,1-27; A.J. BOWER: 'NICAM 728 - Digital two-channel sound for terrestrial television'	1-10, 18-29	
	* the whole document * ---	-/--	
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
THE HAGUE		11 MAY 1993	HOEKSTRA A.
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document <small>I : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document</small>			



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A	<p>ELECTRONIC COMPONENTS and APPLICATIONS, vol.10, no.3, Eindhoven, NL, XP000288521, pages 121-127; P. DOUBLE: 'NICAM-728 two-channel digital TV sound' * the whole document *</p> <p>-----</p>	1,18													
			TECHNICAL FIELDS SEARCHED (Int. CL.S)												
<p>The present search report has been drawn up for all claims</p> <table border="1"> <tr> <td>Place of search THE HAGUE</td> <td>Date of completion of the search 11 MAY 1993</td> <td>Examiner HOEKSTRA A.</td> </tr> <tr> <td colspan="3">CATEGORY OF CITED DOCUMENTS</td> </tr> <tr> <td colspan="3"> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document </td> </tr> <tr> <td colspan="3"> T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document </td> </tr> </table>				Place of search THE HAGUE	Date of completion of the search 11 MAY 1993	Examiner HOEKSTRA A.	CATEGORY OF CITED DOCUMENTS			X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document			T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons A : member of the same patent family, corresponding document		
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